

020  
10/24/96

T-2

PATENT  
ATTORNEY DOCKET NO. 06154/008001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Robert E. Kahn et al. Art Unit:  
Serial No.: 08/720,092 Examiner:  
Filed : September 27, 1996  
Title : A SYSTEM FOR DISTRIBUTED TASK EXECUTION

Commissioner of Patents and Trademarks  
Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT

Under 35 USC 120, this application relies on the earlier filing date of application serial number 08/453,486, filed on May 30, 1995. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application.

Respectfully submitted,

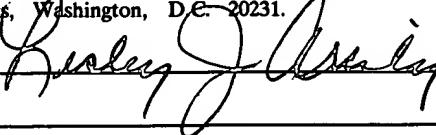
Date: 11/6/96

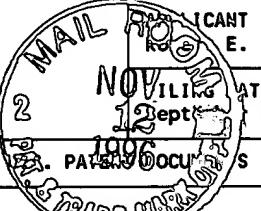
  
\_\_\_\_\_  
David L. Feigenbaum  
Reg. No. 30,378

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804

Telephone: 617/542-5070  
Facsimile: 617/542-8906  
KBOTSIDS

Date of Deposit 11.6.96  
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 06154/008001		SERIAL NO. 08/720,092							
<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))</p> <p style="text-align: right; margin-top: -20px;">            MAIL          NOV 27 1996          U.S. PATENT DOCUMENTS          TRADE MARKS          APPLICANT          E. Kahn et al.          FILING DATE          27, 1996       </p>													
EXAMINER INITIAL		PATENT NUMBER		ISSUE DATE	PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
	AA	5	4	2	3	0	4	3	6/06/95	Fitzpatrick et al.	395	700	
	AB	5	3	9	0	2	8	1	2/14/95	Luciw et al.	395	12	
	AC	5	0	4	7	9	4	8	9/10/91	Turner	364	479	
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION													
		DOCUMENT NUMBER		PUBLICATION DATE	COUNTRY OR PATENT OFFICE			CLASS	SUBCLASS	TRANSLATION			
	AL									<input type="checkbox"/> YES	<input type="checkbox"/> NO		
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
	AM	Kahn Interview, "On Cyberjockeying the Electronic Grids of the Twenty-First Century", <u>Omni</u> , December 1992,											
		pp. 83 et seq.											
	AO	Steinberg, "Demon Knowbots", <u>PC-Computing</u> , Vol. 3, No. 1, Jan. 1990, p. 135.											
	AP	Anthes, "Let Your 'Knowbots' Do the Walking", <u>Computerworld</u> , Vol. 25, No. 19, May 13, 1991, p. 17.											
	AQ	Paone, "Navigating The Internet Seas", <u>Internetwork</u> , Vol. 5, No. 12, December, 1994, p. S6.											
	AR	Fujiki et al., "A Prototype of Goldfish Software Robot with Real-Time Response Function By A Parallel Computer", Conference Paper, IEEE, 1992, pp. 323-328.											
	AS	King et al., "Competitive Intelligence, Software Robots and the Internet: The NewsAlert Prototype, 1995, IEEE, pp. 624-631.											
	AT	Ratcliffe, "General Magic Will Do Its Trick on Macs, PDAs", <u>MacWeek</u> , Feb. 8, 1993, Vol. 7, No. 6, p. 1.											
	AU	Press, "The Net: Progress and Opportunity", <u>Communications of the ACM</u> , Dec. 1992, Vol. 35, No. 12., p. 21.											
	AV	Etzioni et al., "Building Softbots for UNIX", Nov. 1992, pp. 1-19.											
	AW	Obraczka et al, "Internet Resource Discovery Services", <u>Computer</u> , IEEE, 1993, pp. 8-22.											
EXAMINER							DATE CONSIDERED						
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
08154/008001SERIAL NO.  
08/720,092INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)  
(37 CFR 1.98(b))NOV  
12  
1996  
APPLICANT  
Robert E. Kahn et al.FILING DATE  
September 27, 1996

GROUP

D. O. C. D. B. T. M. H. I. N. S. DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

BL	Belkin et al., "Information Filtering and Information Retrieval: Two Sides of the Same Coin?", Communications of the ACM, Vol. 35, No. 12, December, 1992, pp. 29-38.
BM	Anonymous, "A Generalist's View of General Magic: My Visit to VapidWare", P.C. Letter, April 5, 1993, Vol. 9, No. 7, pp. 6.
BN	Gaiti, "Intelligent Distributed Systems: New Trends", Proceedings of the Fourth Workshop on Future Trends of Distributed Computing Systems, Lisbon Portugal, 22-24 September 1993, pp. 106-111.
BO	Smalley et al., "AT&T To Unveil On-Line Service Featuring Intelligent Agents", PC Week, Vol. 10, No. 49, December 13, 1993, pp. 1-2.
BP	Marius Busuioc, "Distributed Cooperative Agents for Service Management in Communications Network", IEE Eleventh UK Teletraffic Symposium, Performance Engineering in Telecommunications Networks, Cambridge, UK, 23-25 March 1994, pp. 24/1-24/7.
BQ	Haberman, "The High Performance Computing and Communications Initiative in the US", ABSTRACT ONLY, Proceedings, ISADS '93, International Symposium on Autonomous Decentralized Systems, Kawasaki, Japan, 30 March - 1 April 1993, p. 10.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 06154/008001	SERIAL NO. 08/720,092			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE several sheets if necessary) (37 CFR 1.98(b))		<p style="text-align: center;">MAIL TO APPLICANT Robert E. Kahn et al.</p> <p style="text-align: center;">NOV 12 1996</p> <p style="text-align: center;">FILING DATE September 27, 1996</p> <p style="text-align: center;">GROUP</p>					
		PATENT DOCUMENTS					
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5 2 4 1 6 7 1	08/31/93	Reed et al.	395	600	
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)							
	AB	Daviss, "Knobots", <u>Discover</u> , p. 21 (April 1991)					
	AC	Markoff, "For PC's, a New Class of Software", <u>New York Times</u> (March 8, 1989)					
	AD	Markoff, "Computer Project Would Speed Data", <u>New York Times</u> (June 8, 1990)					
	AE	Markoff, "A Supercomputer in Every Pot", <u>New York Times</u> (December 12, 1988)					
	AF	Markoff, "Creating a Giant Computer Highway", <u>New York Times</u> (September 2, 1990)					
	AG	Cerf, "Networks", <u>Scientific American</u> , 265:3:72 (1991)					
	AH	Breedon, "The Information Infrastructure: An Interview with Robert Kahn", <u>CSNET NEWS</u> , 18:1 (Fall 1988)					
	AI	Higgins, "Reston's Information Highway", <u>Virginia Business</u> (February 1993)					
	AJ	Guterl, "Bob Kahn Wants to Wire the Nation", <u>Business Month</u> , p. 30 (April 1987)					
	AK	Laurence, "Work Starts on Superhighway of Knowledge", <u>Los Angeles Times</u> (August 17, 1986)					
	AL	Barney, "Kahn and Cerf Pursue 'A Civilian Arpanet'", <u>Electronics</u> (October 16, 1986)					
	AM	Anthes, "Building Information Highways, Bridges", <u>Washington Business Journal</u> (October 27, 1986)					
	AN						
	AO	Peterson, "Highways for Information", <u>Science News</u> , 133:394 (1988)					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

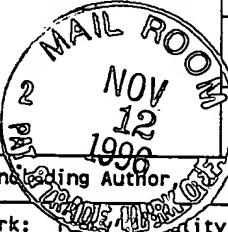
SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
06154/008001SERIAL NO.  
08/720,092INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Robert E. Kahn et al.FILING DATE  
September, 27, 1996

GROUP

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)



	BA	Kahn, "A National Network: <u>Highway to Reality, Tomorrow's Vision, Part 2</u> ", <u>Educom Bulletin</u> , p. 14 (Summer/Fall 1988)
	BB	Anthes, "Firm Connects MCI's E-Mail With Internet", <u>Federal Computer Week</u> , (June 12, 1989)
	BC	Anthes, "NSF Backs Proposal for Research of Nationwide Gigabit Network" <u>Federal Computer Week</u> , p. 5 (August 28, 1989)
	BD	Anthes, "NRI's Kahn Forms Info Highway of Future", <u>Federal Computer Week</u> , (January 22, 1990)
	BE	"A Superhighway for Computers", <u>Virginia Business</u> , p. 10 (May 1991)
	BF	"One Man's Dream of a Nationwide Digital Information Superhighway is Taking Shape", <u>The Added Dimension</u> , 1:6 (April 1991)
	BG	Calicchio, "Researching for the Revolution", <u>Communications Week</u> , (April 1991)
	BH	Jenks, "Information Infrastructure Tops Hill's Science Agenda", <u>Washington Technology</u> (March 21, 1991)
	BI	Jenks, "Reston Networking", <u>Washington Technology</u> (December 6, 1990)
	BJ	Stix, "Gigabit Connection", <u>Scientific American</u> , p. 118 (October 1990)
	BK	"A Talk with Dr. Robert Kahn, Part 1: National Research Initiatives", <u>The CPSR Newsletter</u> , 5:2:8 (Spring 1987)
	BL	Roth, "Designer Shares Vision of National Infrastructure", <u>Government Computer News</u> (April 24, 1987)
	BM	CNR - Building a Strategic Advantage in America brochure
	BN	Vision of a National Information Infrastructure
	BO	Hill, "Magic Cap System is Expected to Glue Users of Hand-Held PCs An Easier Time", <u>Wall Street Journal</u>
	BP	Levy, "Bill and Andy's Excellent Adventure II", <u>Wired</u> (April 1994)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
06154/008001SERIAL NO.  
08/720,092INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT  
Robert E. Kahn et al.FILED DATE  
September 27, 1996

GROUP

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

Burgess, "Calling Agent 486", Washington Post (March 6, 1994), p. H1

Cerf, "Warming Trend with Turbulence in the Lower Layers", IEEE Spectrum (January 1993)

Congressional Testimony of Vinton Cerf (July 11, 1991)

Kahn, "Networks for Advanced Computing", Scientific American, 225:10:136 (1987)Cerf, "Another Reading of the NREN Legislation", Telecommunications, p. 29 (November 1991)

CG

CH

CI

CJ

CK

CL

CM

CN

CO

CP

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.